

ABSTRACT

The apparatus for closing the door slowly and automatically can directly get the door closed by the piston rod without passing through a gear, so that the energy loss is little, and a small amount of air is contained in the hydraulic oil in order for the piston and the piston rod to be moved to the left and right hand side. The closing speed of the door can be adjustable by turning a speed adjustment bolt and for the installation, it is very easy to install the present invention since the function of the invention works with a force adjustment by turning the force adjustment nut when the invention is fixed to the door and doorframe.